ABSTRACT OF THE DISCLOSURE

A light guiding device of an optical mouse is disclosed. The light guiding device is implemented inside the optical mouse applied to an operating surface. The optical mouse has a light device to project an incident light. The light guiding device includes a first lens part facing to the light device for receiving the incident light. The incident light received is focused and then projected to a prism plane for total reflection such that the incident light is directed to a slope plane arranged obliquely towards the same direction as the prism plane. The incident light is further refracted slight downwardly into a cavity defined by a bottom of the light guiding device through the slope plane and finally projected on the operating surface through a bottom opening of the optical mouse.